



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C3-12-2-PO
Job Sheet 177363



Part No: C3-12-2-PO

Job Qty: 30 ea

Part Name: Lock Shaft - C3 Hook



Part Weight: 0 lbs

Status: Scheduled

Priority: High

Job Created: 5/10/18

Job Tracking No:

Due Date: 6/8/18

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG C3-12-2 Rev. 3A IPP Rev. A 18.05.09 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	30 pcs	6/8/18	6/8/18	0.00	0.00	Purchasing		AT 19/06/07
110	Packaging	30 pcs	6/8/18	6/8/18	0.00	0.00	Packaging2		AT 19/06/07
120	QC	30 pcs	6/8/18	6/8/18	0.00	0.00	QC6		38
130	Packaging	30 pcs	6/8/18	6/8/18	0.00	0.00	Packaging3		21 18-06-12
140	QC21-FG	30 Ea	6/8/18	6/8/18	0.00	0.00	QC21		21 18-06-12

Part Op 100 - Issue P/O: 039860 MANUFACTURE C3-12-2 AS PER DWG Supplier: METEC Certificate of conformity is required

10 New 2018 x 30 A h

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C3-12-2P	Lock Shaft	30 pcs (1 ea)	100-Purchasing	5079121

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	C3-12-2P	30	8	0

Part Specifications

Specifications could not be found.

Plex 5/10/18 8:50 AM dart.Lussier.Patrick



Container No: S079123



Part: C3-12-2

Job No: 177363

Serial No/Batch: S079123

Revision: 3A

Inspector:

Exp Date: 06/07/2018

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-6200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 06/07/18



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C3-12-2

Job Sheet 175625



16

Part No: C3-12-2

Job Qty: 10 ea

Part Name: Lock Shaft - C3 Hook



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/9/18

Job Tracking No:

Due Date: 4/30/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG C3-12-2 Rev 3A IPP Rev A 18.04.09 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	10 Ea		4/28/18	0.00	0.00	Start Up Machining-4		
120	CNC Lathe	10 pcs		4/30/18	0.50	1.00	MORI SL-154		
130	QC	10 pcs		4/30/18	0.00	0.00	QC2 Machining-5		
140	QC	10 pcs		4/30/18	0.00	0.00	QC8 Machining-5		
150	Packaging	10 pcs		4/30/18	0.00	0.00	Packaging3-2		
160	QC21-SA	10 Ea		4/30/18	0.00	0.00	QC21		

Part Op 120 - 1- Machine as per folio FC 016 FOLIO REV: _____ DWG REV: _____ 2- Deburr
Descriptions: 150 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M17-4-H900-R0.500	17-4 SS H900 Round Bar 0.500"	1.2750 ft (.1275 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M17-4-H900-R0.500	1	85	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

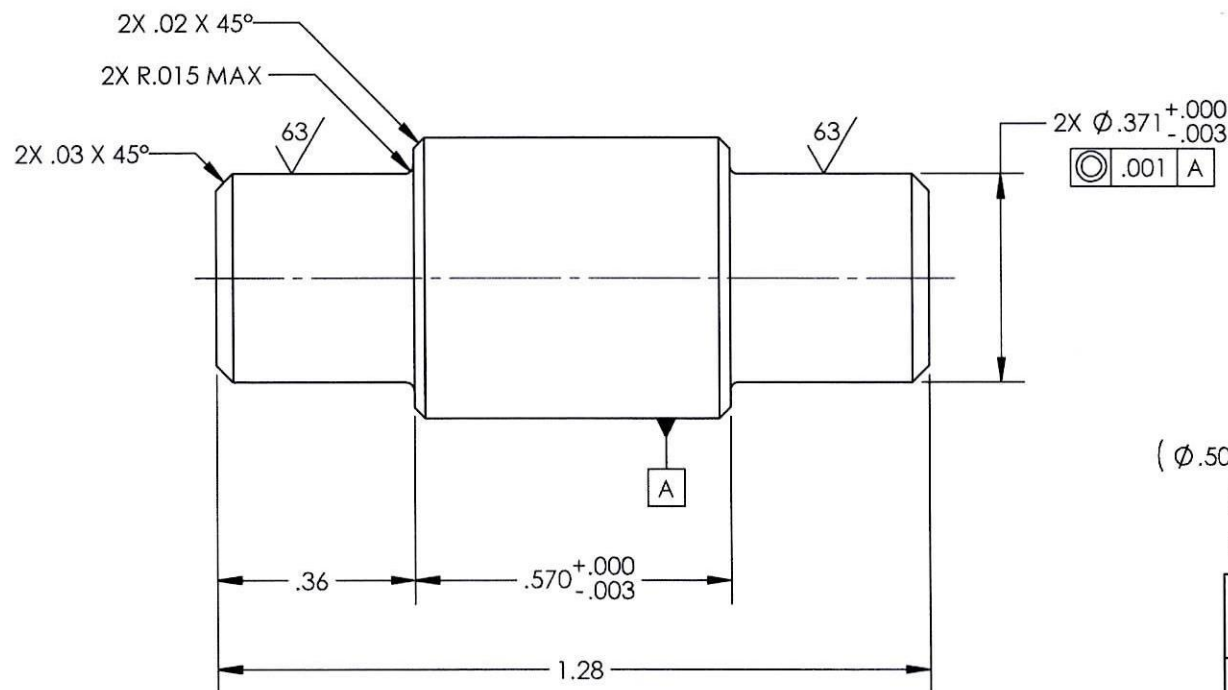
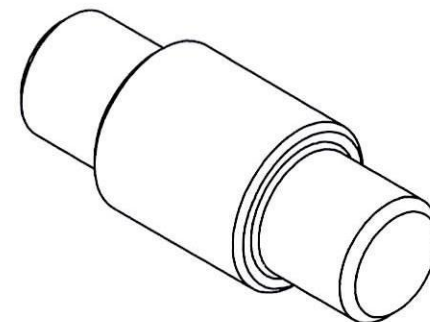
QA Closed: _____ Date: _____

Work Order update only ☐

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
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OTHER : _____					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3		AS DRAWN BY CANAM.	8/15/2012	JAG	
3A	14-0111	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED BAG & LABEL NOTE. CH'D DIMENSION TOLERANCE WAS .357 IS .36, WAS 1.284 IS 1.28.	8/7/2014	DJN	RW



NOTE:
1. BAG & LABEL WITH BATCH NUMBER.
2. NICKEL PLATE .0004-.0006, BAKE AFTER PLATING.

DART AEROSPACE	
TITLE LOCK SHAFT	
DWG NO. C3-12-2	REV 3A
MAT'L 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D. Weid</i> HEAT TREAT RC 44-46 FINISH SEE NOTE 2 SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 3:1	DATE 11/15/2001 SHEET 1 OF 1

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			C3-12-2	1	LOCK SHAFT	4140	Ø1/2 X 1-7/16	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

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C3-12-2 can be manufactured from 17-4PH-H900 as an alternative material Heat treat and Nickel plating is not required if the part is manufactured from 17-4PH-H900				- This deviation is acceptable. - The drawing will be updated to reflect this change. - The fit, form and function of the part will be as originally intended.			Lead hand / Supervisor Approval Verification																																																																
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO039860**

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039860

PO Date: 5/10/18

Due Date: 6/8/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lussier, Patrick Phone:

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	C3-12-2P			Lock Shaft	Firmed	6/8/18	30 pcs	0 pcs	30 pcs	\$0.01/pcs	\$0.30
Line Item Note W/O 177363											
7	C10-23-1P			Keeper Spacer	Firmed	6/8/18	57 pcs	0 pcs	57 pcs	\$9.77/pcs	\$556.89
Line Item Note W/O 177373											
8	RBW6305G01232-3G-5P			Spacer	Firmed	6/8/18	25 Ea	0 Ea	25 Ea	\$0.01/Ea	\$0.25
Line Item Note W/O 177396											
9	RBW6305G00232-3G-1P			Base	Firmed	6/8/18	25 Ea	0 Ea	25 Ea	\$0.01/Ea	\$0.25
Line Item Note W/O 177409, please advise Pat Lussier once received											
11	RBW109-3101-58-1-7P			Handle	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177380											
12	RBW109-3101-58-2-7P			Handle	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177383											
13	RBE350A94-2708-01-01P			Slide	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177384											
14	RBE350A93-3312-03-7P			Washer	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177385											
15	RBE350A93-3312-03-5P			Seat	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50
Line Item Note W/O 177387											
16	RBE350A93-3312-03-3P			Remover / Installer	Firmed	6/8/18	50 Ea	0 Ea	50 Ea	\$0.01/Ea	\$0.50

Plex 6/5/18 11:47 AM dart.Lussier.Patrick



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	P.O. Number
33	DART C3-12-2P	Lock Shaft	39860
55	RBE350A93-3303-02-5P	Extractor Pin	39860

MATERIAL: supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

DAS
36
9-89

METEC Metal Technology Inc.

Heather Nixon

Vankleek Hill, June 7, 2018